

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121423AR\
 Data File : FD047034.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2023 19:14
 Operator : YP/AJ
 Sample : 05791-01
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 14 23:25:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112423.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 24 13:30:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

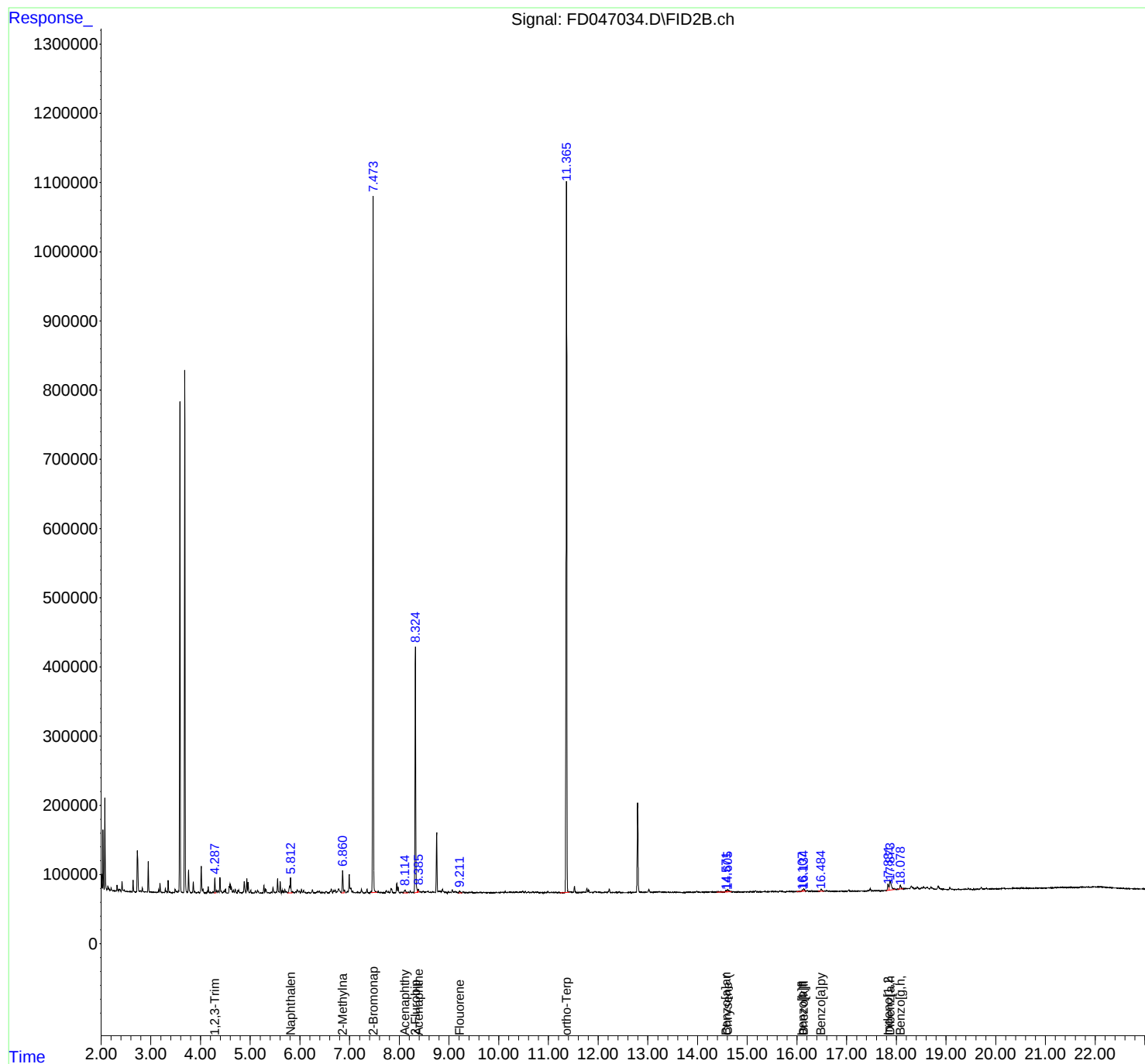
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.473	9646824	55.761 ug/ml
Spiked Amount 50.000		Recovery =	111.52%
6) S 2-Fluorobiphenyl (SURR)	8.324	3659389	33.652 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.30%
11) S ortho-Terphenyl (SURR)	11.365	11235004	56.458 ug/ml
Spiked Amount 50.000		Recovery =	112.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	190292	1.023 ug/ml
2) T Naphthalene (C11.7)	5.813	347070	1.823 ug/ml
3) T 2-Methylnaphthalene (...)	6.860	366283	1.902 ug/ml
5) T Acenaphthylene (C15.06)	8.115	97294	0.559 ug/ml
7) T Acenaphthene (C15.5)	8.384	50861	0.274 ug/ml
8) T Fluorene (C16.55)	9.211	45447	0.263 ug/ml
14) T Benzo[a]anthracene (C...	14.571	44959	0.347 ug/ml
15) T Chrysene (C27.41)	14.607	81107	0.566 ug/ml
16) T benzo[b]fluoranthene ...	16.106	18617	0.139 ug/ml
17) T Bnezo[k]fluoranthene ...	16.137	54571	0.399 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	57806	0.441 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.831	133052	1.115 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	350322	2.696 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	93709	0.716 ug/ml

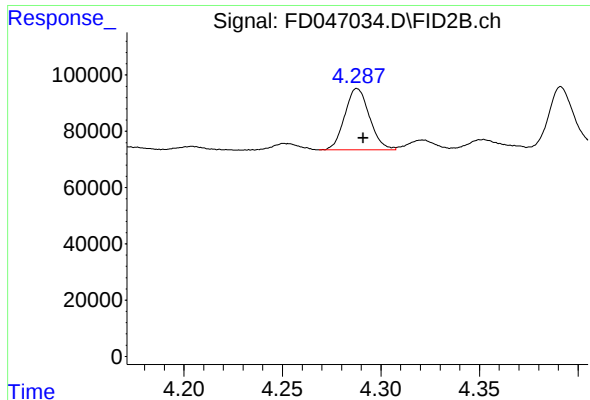
(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

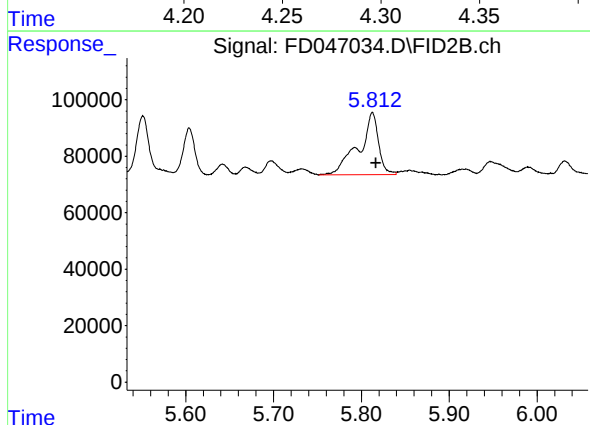




#1 1,2,3-Trimethylbenzene (C10.1)

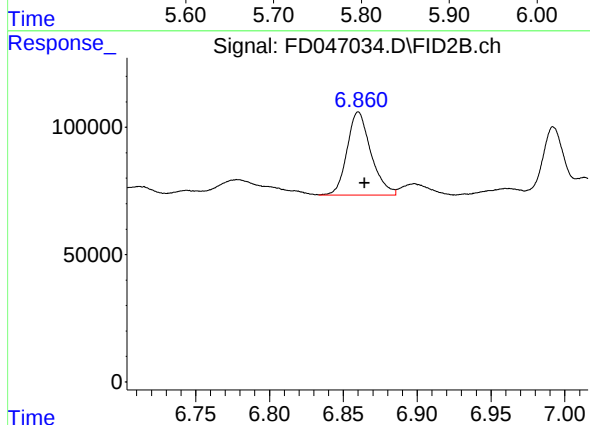
R.T.: 4.288 min
Delta R.T.: -0.003 min
Response: 190292
Conc: 1.02 ug/ml

Instrument :
FID_D
ClientSampleId :



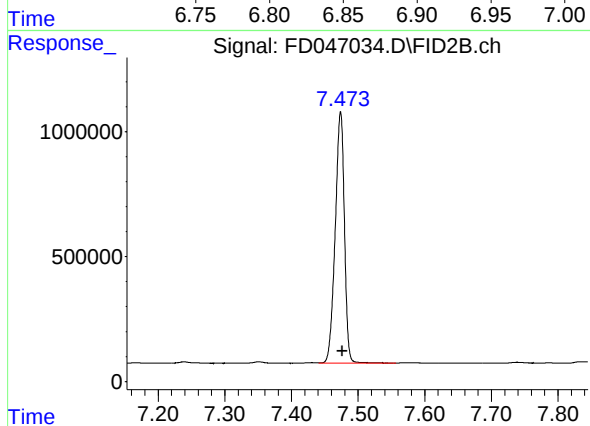
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 347070
Conc: 1.82 ug/ml



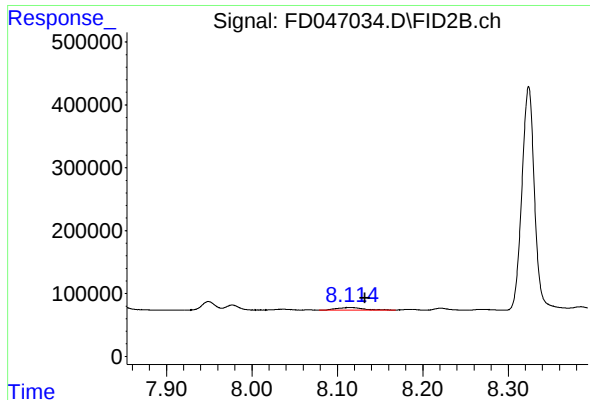
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.860 min
Delta R.T.: -0.004 min
Response: 366283
Conc: 1.90 ug/ml



#4 2-Bromonaphthalene (SURR)

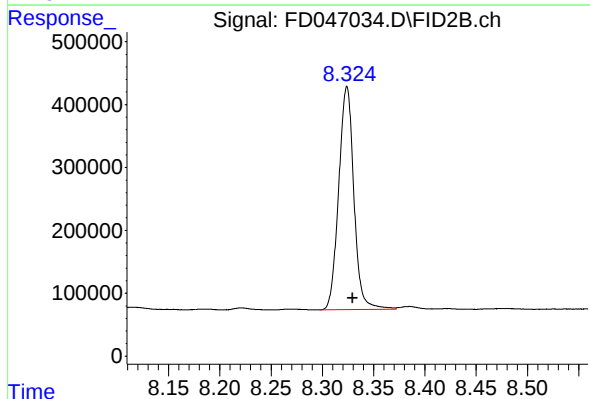
R.T.: 7.473 min
Delta R.T.: -0.003 min
Response: 9646824
Conc: 55.76 ug/ml



#5 Acenaphthylene (C15.06)

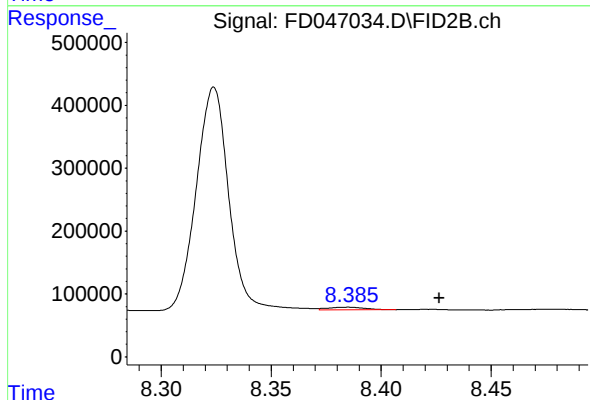
R.T.: 8.115 min
Delta R.T.: -0.017 min
Response: 97294
Conc: 0.56 ug/ml

Instrument :
FID_D
ClientSampleId :



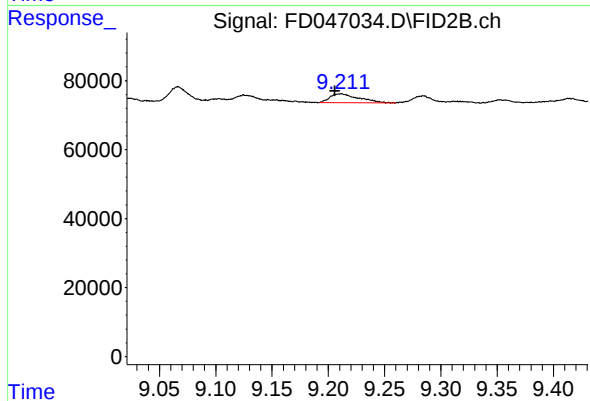
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.006 min
Response: 3659389
Conc: 33.65 ug/ml



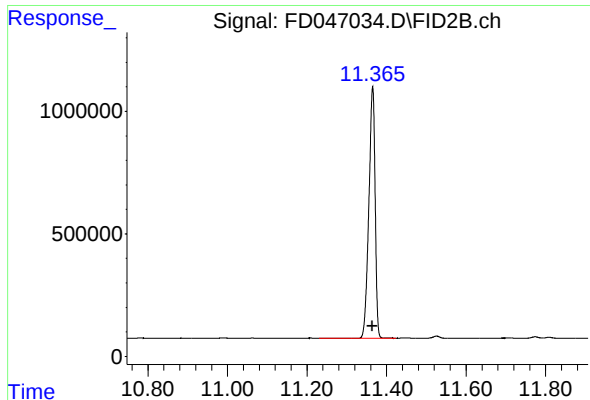
#7 Acenaphthene (C15.5)

R.T.: 8.384 min
Delta R.T.: -0.042 min
Response: 50861
Conc: 0.27 ug/ml



#8 Flouorene (C16.55)

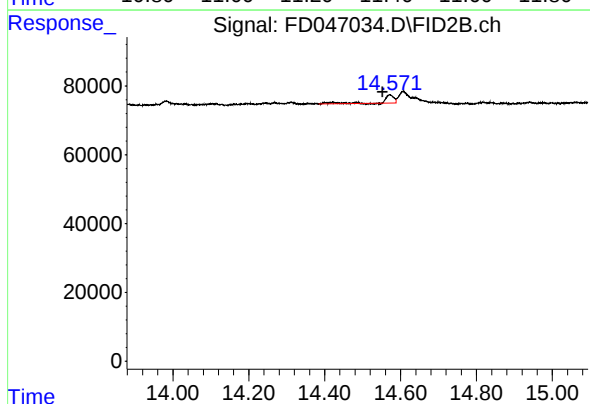
R.T.: 9.211 min
Delta R.T.: 0.005 min
Response: 45447
Conc: 0.26 ug/ml



#11 ortho-Terphenyl (SURR)

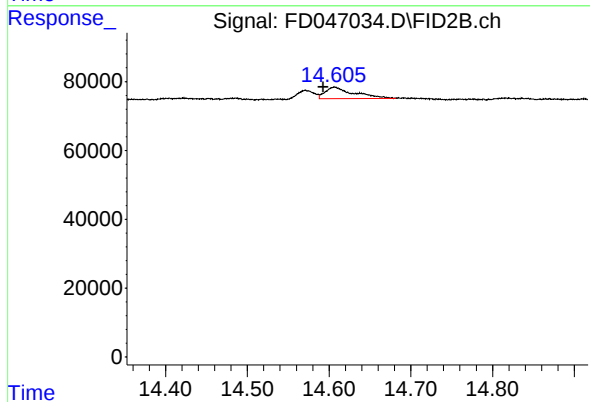
R.T.: 11.365 min
Delta R.T.: 0.000 min
Response: 11235004
Conc: 56.46 ug/ml

Instrument :
FID_D
ClientSampleId :



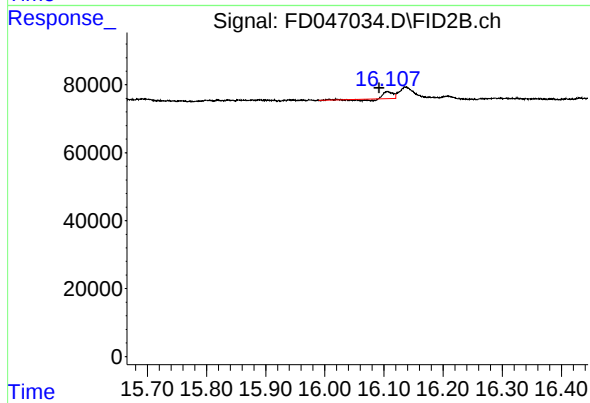
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.571 min
Delta R.T.: 0.019 min
Response: 44959
Conc: 0.35 ug/ml



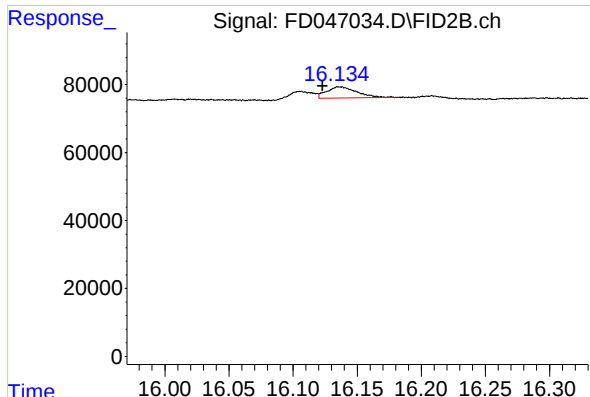
#15 Chrysene (C27.41)

R.T.: 14.607 min
Delta R.T.: 0.014 min
Response: 81107
Conc: 0.57 ug/ml



#16 benzo[b]fluoranthene (C30.41)

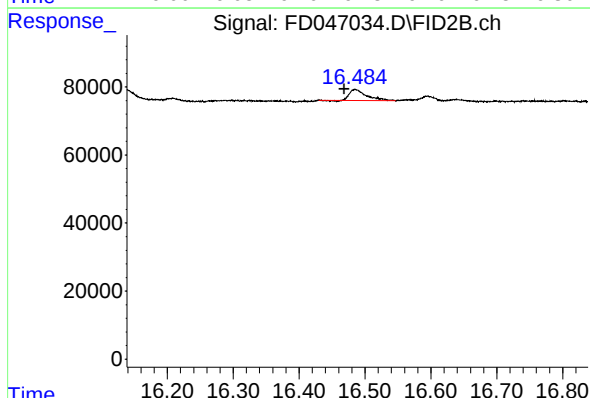
R.T.: 16.106 min
Delta R.T.: 0.014 min
Response: 18617
Conc: 0.14 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

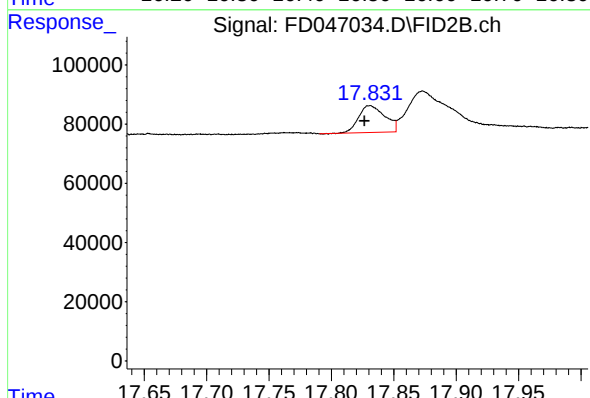
R.T.: 16.137 min
Delta R.T.: 0.014 min
Response: 54571
Conc: 0.40 ug/ml

Instrument :
FID_D
ClientSampleId :



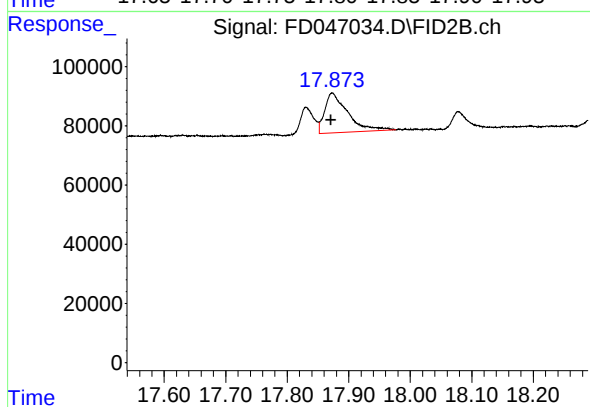
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.016 min
Response: 57806
Conc: 0.44 ug/ml



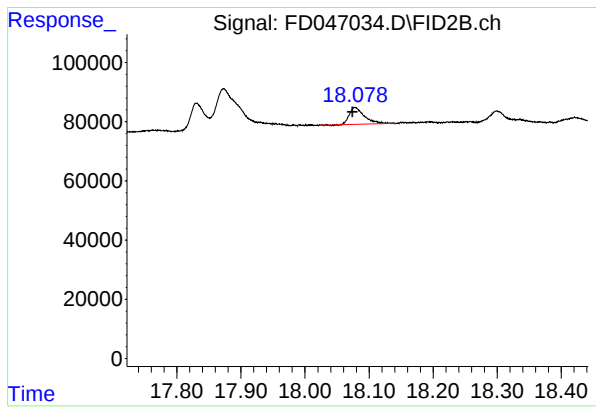
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.831 min
Delta R.T.: 0.005 min
Response: 133052
Conc: 1.12 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.873 min
Delta R.T.: 0.002 min
Response: 350322
Conc: 2.70 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.078 min
Delta R.T.: 0.004 min
Response: 93709
Conc: 0.72 ug/ml

Instrument :

FID_D

ClientSampleId :